KOTS, A.Ya., inzh.

New standards for the lighting of electric power plants and possibilities ot achieve these standards. Svetotekhnika 5 no.6: 21-22 Je '59. (MIRA 12:8)

1.Teploelektroproyekt.
(Electric power plants) (Electric lighting--Standards)

KOTS, A.Ya., inzh.

Comments on G.M.Knorring's article. Svetotekhnika 5 no.7:27 Jl '59. (MIRA 12:9)

1. Toploelektroproyekt.
(Lighting)

KOTS, A. Ya., inzh.

Fluorescent lighting at thermal electric power plants in the U.S.A.
Energokhoz. za rub. no.5:28-29 S-O '60. (MIRA 13:10)
(United States—Electric power plants—Lighting)

KOTS, A.Ya., inzh.

Lighting of the pavilion "Electrification of the U.S.S.R." at the Exhibition of the Accomplishments of the People's Economy.
Svetotekhnika 6 no.2:28-30 F '60. (MIRA 13:5)

1. Vsesoyuznyy gosudarstvennyy proyektnyy institut "Teploelektroproyekt."
(Electric industries--Exhibitions)
(Moscow--Exhibitions--Lighting)

KOTS, A.Ya., inzh.

Illumination of distribution systems with a capacity of 400 to 500 kv. Svetotekhnika 6 no.4:31 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy gosudarstvennyy proyektnyy institut "Teploelektroproyekt." (Electric power distribution) (Lighting)

KOTS, A.Ya., inzh.

"Handbook for designing electric lighting systems" by G.M. Knorring. Reviewed by A.IA.Kots. Svetotekhnika 7 no.3:28-29 Mr '61. (MIRA 14:8)

(Electric lighting) (Knorring, G.M.)

KOTS, A.Ya., inzh.

Injuries connected with the use of lighting systems.
Svetotekhnika 7 no.7:30 Jl '61. (MIRA 14:8)
(Electric lighting)

KOTS, A. Ya., inzh.

New data on the lighting of thermal electric power plants in the U.S.A. Svetotekhnika 7 no.8:30 Ag '61. (MIRA 14:7)
(United States—Electric power plants—Lighting)

LINDORF, L.S.; FUFURIN, P.N.; ULITSKIY, M.S.; USTINOV, P.I.; ZEYLIDZON, Ye.D.; MININ, G.P.; KOTS, A.Ya.; KHAVIN, N.Z.; MURAVLEVA, N.V.; LIBERMAN, A.Ya.; BARANOV, B.M.; ZVENIGORODSKIY, I.S.; IVANOV, V.S.; IOFFE, F.Ye.; BURLAKOV, B.M.; MIRENBURG, L.A.; FAYERMAN, A.L., red.; BORUNOV, N.I., tekhn. red.

[Study manual on the technical operation of electric networks and power plants; electrical section of electric power plants and electric power distribution networks]Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii elektricheskikh stantsii i setei; elektricheskaia chast' elektrostantsii i elektricheskie seti. Moskva, Gosenergoizdat, 1962. 558 p. (MIRA 15:8)
(Electric power plants—Handbooks, manuals, etc.)
(Electric power distribution—Handbooks, manuals, etc.)

KOTS, A.Ya., inzh.

Luminescent lighting for the machine room of large electric power plants. Energetik 10 no.7:25-28 Jl '62. (MIRA 15:7)
(Fluorescent lighting) (Electric power plants)

KOTS, A.Ya., inzh.

Norms on electric lighting of the main sections of electric power plants. Svetotekhnika 8 no.7:21 Jl '62. (MIRA 15:6)

1. Vsesoyuznyy gosudarstvennyy proyektnyy institut stroitel'stva elektrostantsiy.
(Electric power plants—Lighting)
(Electric lighting—Standards)

KOTS, A.Ya., inzh.

Fluorescent lighting in electric power plants. Energetik 11 no.4:32-34 Ap '63. (MIRA 16:3)
(Fluorescent lighting)
(Electric power plants—Lighting)

KOTS, A.Ya., inzh.

Classification of objects and spaces in electric power plants for the purpose of choosing explosion and fireproof electrical equipment. Elek. sta. 34 no.1:92-93 Ja '63. (MIRA 16:2)
(Electric power plants--Safety measures)

KOTS, A. Ya., inzh.

Concerning the scope of lighting engineering designs. Svetotekhnika 9 no.2:24-25 F '63. (MIRA 16:4)

1. Vsesoyuznyy gosudarstvennyy proyektnyy institut stroitel'stva elektrostantsiy.

(Electric lighting)

KOTS, A.Ya., inzh.

Lighting of boilers in electric power plants. Elek. sta. 34 no.7:77-79 Jl '63. (MIRA 16:8)

LINDORF, L.A.; FUFURIN, N.P.; ULITSKIY, M.S.; USTINOV, P.I.; ZEYLIDZON, Ye.D.; MININ, G.P.; KOTS, A.Ya.; KHAVIN, N.Z.; MURAVLEVA, N.V.; LIBERMAN, A.Ya.; BARANOV, B.M.; ZVENIGORODSKIY, I.S.; IVANOV, V.S.; IOFFE, F.Ye. [deceased]; BURLAKOV, B.M.; MIRENBURG, L.A. [deceased]; FAYERMAN, A.L., red.

[Aid for studying engineering regulations governing the operation of electric power plants and networks] Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii elektricheskikh stantsii i setei. Izd.2., peresmotrennoe. Moskva, Energiia, 1965. 551 p. (MIRA 18:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy proizvodstvennyy komitet po energetike i elektrifikatsii.

KOTS, A.Ya., inzh.

Power supply system of the lighting network of a thermal electric power plant. Elek. sta. 36 no.2:75-76 F '65. (MIRA 18:4)

KOTS, B.E., inzh.

Determination of the conductivity of the air gaps of toothed magnetic systems. Elektrotekhnika 35 no.9:18-19 S '64. (MIRA 17:11)

SHMANENKOV, I.V., red.; ZVEREV, L.V., red.; KOVALENKO, O.V., red.; SOKOLOV, I.Yu., red.; EYGELES, M.A., red.; Prinyali uchastiye: BASMANOV, V.A., red.; KAMINSKAYA, L.S., red.; KOTS, G.A., red.; LEVIUSH, I.T., red.; MOKROUSOV, V.A., red.; PODKOSOV, L.G., red.; ROZHKOVA, Ye.V.; SOLOV'YEV, D.V., red.; FEDOROV, P.N., red.; FINKEL'SHTEYN, I.D.; KHONINA, O.I., red.; GRISHINA, T.B., red. izd-va; GUROVA, O.A., tekhn. red.

[Studies on the dressing and industrial processing of minerals] Issledovaniia po obogashcheniiu i tekhnologii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 131 p. (MIRA 14:7)

1. Russia(1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Eygeles, Leviush)
(Ores)

KOTS, G.A.; RAZUMNAYA, Ye.G.; ROZHKOV, V.D.; PAVLENKO, G.G.; STEPANENKO, L.G.; ROZHKOVA, Ye.V., nauchnyy red.; ANTOKOL'SKAYA, A.M., red. izd-va; BYKOVA, V.V., tekhn. red.

[Methodical guide to the use of ore separation units for the mineralogical analysis of ores and rocks.] Metodicheskoe rukovodstvo po primeneniiu malogabaritnykh ustanovok dlia mineralogicheskogo analiza rud i gornykh porod. Moskva, Gosgeoltekhizdat, 1963. 110 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. Trudy, no.10) (MIRA 17:1)

MALAN'IN, M.I.; KOTS, G.A.; PODKOSOV, L.G.; ROZHKOV, V.D.

Method for the quick evaluation of the ability of minerals to undergo dressing. Razved. i okh. nedr 30 no.10:19-23 O '64. (MIRA 18:11)

1. Gosudarstvennyy geologicheskiy komitet SSSR (for Malan'in).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Kots, Podkosov, Rozhkov).

KOTS, I. D.

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Uvyenbshye niye razmyerov dryenazhnoy prizmy plotiny. Elyektr. Stantsii, 1949, No 9, S. 51 - 52
E. Elyektrotyekhnika. Elyektrifikatsiya

So: Letopis No. 38

KOTS, I. D.

32453. Kots, I. D. Izmeneniye konstruktsii kupoloobraznogo perekrytiya baggernoy nasosnoy. Elektr. stantsii, 1949, No. 10, s. 47.

SO: Letopis' Zhurnal'nykh Statey Vol. 44

KOTS, I.D., inzh.; ROGOVIN, N.A., inzh.

Construction of a large steam power plant. Elek. sta. 29 no.2:46-53 F '58. (MIRA 11:3)

(Steam power plants)

KOTS, I.D., inzh.; ROGOVIN, N.A., inzh.

Practices in building large steam power plants. Elek.sta.29 no.3:39-44 Mr '58. (MIRA 11:5)
(Steam power plants) (Building)

KOTS, I.D.

8(6) PHASE I BOOK EXPLOITATION SOV/2962

Rogovin, Naum Aleksandrovich, and Isaak Davydovich Kots

Opyt stroitel'stva krupnykh teplovykh elektrostantsiy (Experience in Building Large Thermal Electric Power Plants) Moscow, Gosenergoizdat, 1959. 198 p. 3,000 copies printed.

Ed.: I. I. Ugorets; Engineer; Tech. Ed.: N. I. Borunov.

PURPOSE: The book is intended for engineers and technicians working in the design and construction of thermal electric power plants.

COVERAGE: On the basis of experience gained in the construction of 5 large thermal electric power plants in the Southern Power System of the USSR the authors analyse the latest and most efficient methods of construction of power plants. The application of precast reinforced concrete and advanced equipment installation techniques are discussed. Particular attention is given to the construction and equipping of the powerhouse; the use of precast reinforced concrete and the so-called "industrial" method of construction for building auxiliary structures is also discussed. The book analyzes various construction plans and presents recommendations for the most economical

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Experience in Building (Cont.) SOV/2962

location of auxiliary plants. Existing technological processes of construction and equipment installation of power plants are discussed and recommendations for their improvement are presented. The authors consider that application of these methods of construction should not only decrease production costs, but also reduce construction time from the present 4 to 5 years to 2.5 to 3 years. Chapters 1,2, and 5 were written by N. A. Rogovin; and Chapters 3 and 4 by I. D. Kots. There are no references.

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Experience in Building (Cont.) SOV/2962

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TESLER, Pinkhus Abovich, kand.tekhn.nauk, starshiy nauchnyy sotrudnik; FRUMES, Zakhar Yakovlevich, inzh.; KOTS, Isaak Davidovich, inzh.; GODYNA, A.K., inzh., red.

[Built-up roof with slabs made of cellular concrete] Sovmeshchennaia krysha s paneliami iz iacheistogo betona; opyt tresta "Donbassenergostroi." Nauchno-issledovatel'skogo instituta betona i zhelezobetona i Eksperimental'no-konstruktorskogo biuro Akademii stroitel'stva i arkhitektury SSSR. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 16 p. (MIRA 14:11)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Tesler). 2. Nachal'nik otdela stroitel'nykh konstruktsiy Eksperimental'no-konstruktorskogo byuro Akademii stroitel'stva i arkhitektury SSSR (for Frumes). 3. Glavnyy inzh. tresta "Donbassenergostroy" (for Kots).
(Roofing, Concrete) (Lightweight concrete)

KOTS, I.D., inzh.

High-speed industrial construction of large thermal electric power plants. Energ. stroi. no.38:22-25 '64.
(MIRA 17:10)

1. Trest "Donbassenergostroy."

KOTS, I.I.

Data for the study of mercurial toxicodermia. Vest.ven.i derm. no.2:54-55 Mr-Ap '53. (MLRA 6:5)

1. Klinika kozhnykh i venericheskikh bolezney Chkalovskogo meditsinskogo instituta. (Mercury--Toxicology)

KOTS, I. I.

BAKSHT, B.P.; KOTS, I.I.

Radiation injury during treatment of skin diseases. Vest. ven. i derm. no.3:53 My-Je '54. (MLRA 7:8)

1. Iz kliniki kozhnykh bolezney Chkalovskogo meditsinskogo instituta.
(SKIN--DISEASES) (X-RAY--THERAPEUTIC USE)

KOTS, Jan, MUDr (Brno, Lipova 31)

Treatment of cancer of the vulva with ionizing radiations. Cesk. onkol. 2 no.2-3:190-199 1955.

1. Onkologicky ustav v Brne.
(VULVA, neoplasms,
ther., ionizing radiations)
(RADIOTHERAPY, in various diseases,
cancer of vulva, ionizing radiations)

GINZBURG, TS.G.; KOTS, L.I.

Heat release during hardening of cement mortars and concretes.
Sbor. trud. LIIZHT no.192:117-136 '62. (MIRA 16:9)

KOTS, L.I.

Ring casing devised by the Leningrad Railroad Engineers Institute for testing concrete for permeability. Sbor. trud. LIIZHT no.192: 111-116 '62. (MIRA 16:9)

VOZNESENSKIY, A.N., prof.; VOL'FKOVICH, M.I., prof.; GESHELIN, A.I., prof.[deceased]; GORDYSHEVSKIY, T.I., prof.; YERMOLAYEV, V.G., prof.; ZARITSKIY, L.A., prof.; KOTS, L.Ya., prof.; LIKHACHEV, A.G., zasl. deyatel' nauki prof.; PROSKURYAKOV, SHUL'GA, A.O., prof.; NEYMAN, L.V., prof., red.; SHCHERBATOV, I.I., prof., red. doma; TIKHOMIROVA, G.I., red.; PREOBRAZHENSKIY, Yu.B., red.; CHULKOV, I.F., tekhn.red.

[Multivolume manual on otorhinolaryngology] Mnogotomnoe rukovodstvo po otorinolaringologii. Otv. red. A.G.Likhachev. Moskva, Medgiz. Vol.4. [Diseases of the upper respiratory tract] Zabolevaniia verkhnikh dykhatel'nykh putei. Red. toma L.V.Neiman. i I.I.Shcherbatov. 1963. 518 p. (MIRA 17:3)

1. Chlen-korrespondent AMN SSSR (for Likhachev).

EPSHTEYN, Ya.A., KOTS, L.Ya., prof.,red.

Distribution of electrolytes in the living organism. Trudy Stal. med.inst. 22 '57 (MIRA 11:8)
(ELECTROLYTES)
(PHYSIOLOGICAL CHEMISTRY)

KOTS, N. (Moscow)

"The Handling of Objects by Primates in the Light of Anthropogenesis"

Soviet paper presented at the 15th Intl. Congress of Zoology, London, 16-23 Jul 58

KOTS, Nadezhda Nikolayevna (Ladygina)

[Development of the psyche in the process of the evolution of organisms] Razvitie psikhiki v protsesse evoliutsii organizmov. Moskva, Sovetskaia nauka, 1958. 237 p. (MIRA 13:3)
(Evolution)

KOTS, S. I.

At the Dnepropetrovsk Mining Institute in Artem Sergeyev from April 1939 to April 1947, the following dissertations were defended in connection with attaining the scholarly degree of Candidate of Technical Sciences (specializing in mining engineering: S. L. Kots on 27 September 1939 defended his dissertation on the subject "The electrical calculation of the contact network for underground electric-locomotive hauling using normal-frequency single-phase current".

The official opponents of this dissertation were Doctor of Technical Sciences Professor P. F. Pirotskiy and Candidate of Technical Sciences Docent S. A. Volotkovskiy.

A critical survey was given of the methods and formulas presented for calculating the full resistance of the contact network. An experimental check was made of the results obtained with these formulas on an experimental sector. A promising method of calculating the contact network under mining conditions was presented.

SO: Elektrichestvo [Electricity], No. 10, October 1947. Moscow.

KOTS, S.L.

KRIVOSHEYEV, I.A.; LAZAREV, V.N.; GRECHANSKIY, V.S.; FEDOROV, P.N.; NEBOZHENKO, I.A.; PEREL'MAN, Yu.S.; DANILOV, V.I., inzh., red.; KHITROV, P.A., tekhn.red.

[Repairing electric equipment and cab sections of diesel locomotives] Remont elektrooborudovaniia i ekipazhnoi chasti teplovozov. Moskva, Gos.transp.zhel-dor. izd-vo, 1955. 150 p. (MIRA 11:6)
(Diesel locomotives--Maintenance and repair)

PAVLOV, K.F.; ROMANKOV, P.G., prof.; NOSKOV, A.A.; KUROCHKINA, M.I., red.; KOTS, V.A., red.; ERLIKH, Ye.Ya., tekhn. red.

[Examples and problems for a course on the processes and equipment of chemical technology] Primery i zadachi po kursu protsessov i apparatov khimicheskoi tekhnologii. Izd.5., ispr. Pod obshchei red. P.G.Romankova. Leningrad, Gos. nauchno-tekhn. izd-vo lit-ry, 1961. 573 p. (MIRA 14:8)
(Chemistry, Technical)

ZDANOVSKIY, A.B.; SOLOV'YEVA, Ye.F.; EZROKHI, L.L.; LYAKHOVSKAYA, Ye.I.; VYAZOVOVA, V.V., red.; PEL'SHA, A.D., red.; KOTS, V.A., red.; LEVIN, S.S., tekhn. red.; ERLIKH, Ye.Ya., tekhn. red.

[Manual of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn.izd-vo khim. lit-ry. Vol.3. [Two-component systems; elements of the I group and their compounds] Dvukhkomponentnye sistemy; elementy I gruppy i ikh soedineniia. Sost. A.B.Zdanovskii i dr. Pod red. V.V. Viazovova, A.D.Pel'sha, 1961. 2224 p. (MIRA 15:3)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii.
(Salts) (Systems (Chemistry)) (Solubility)

ZDANSKIY, A.B.; SOLOV'YEVA, Ye.F.; EZROKHI, L.L.; LYAKHOVSKAYA, Ye.I. Prinimali uchastiye: SHITIKOVA, V.S.; BEL'DY, M.P.; ROMANOVA, V.A.; PEL'SH, A.D., red.; KOTS, V.A., red.; LEVIN, S.S., tekhn. red.; ERLIKH, Ye.Ya., tekhn. red.

[Handbook of experimental data on the solubility of salt systems] Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Goskhimizdat. Vol.4.[Two-component systems; elements of the IInd group and their compounds] Dvukhkomponentnye sistemy; elementy II gruppy i ikh soedineniia. Sost. A.B.Zdanskii i dr. Pod red. A.D.Pel'sha, 1963. 2231-2878 p. (MIRA 17:2)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii. 2. Fiziko-khimicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta galurgii (for Shitikova, Bel'dy, Romanova).

PAVLOV, K.F.; ROMANKOV, P.G.; NOSKOV, A.A.; KUROCHKINA, M.I., red.; KOTS, V.A., red.

[Examples and problems for the course on the processes and apparatus of chemical technology] Primery i zadachi po kursu protsessov i apparatov khimicheskoi tekhnologii. Izd.6., perer. i dop. Moskva, Khimiia, 1964. 633 p. (MIRA 17:10)

1. Chlen-korrespondent AN SSSR (for Romankov).

NIKOL'SKIY, B.P., glav. red.; GRIGOROV, O.N., doktor khim. nauk, red.; FORAY-KOSHITS, B.A., doktor khim. nauk, red.; POZIN, [redacted] nauk, red.; ROMANKOV, P.G., red.; FRIDRIKHSBERG, D.A., kand. khim. nauk, red.; RABINOVICH, V.A., kand. khim. nauk, red.; RACHINSKIY, F.Yu., kand. khim. nauk, red.; ZAYDEL', A.N., doktor fiz.-mat. nauk, red.; ZASLAVSKIY, A.I., kand.khim. nauk, red.; MORACHEVSKIY, Yu.V., prof., red.; GRIVA, Z.I., red.; KOTS, V.A., red.; TOMARCHENKO, S.L., red.

[Chemist's handbook] Spravochnik khimika. 2., izd., perer. i dop. Moskva, Khimiia. Vol.4. 1965. 919 p. (MIRA 19:1)

1. Chlen-korrespondent AN SSSR (for Nikol'skiy, Romankov).

ACC NR: AR6035269 SOURCE CODE: UR/0169/66/000/009/G003/G003

AUTHOR: Kots, V. G.

TITLE: Geological and geophysical characteristics of regional faults in Eastern Turkmenia

SOURCE: Ref. zh. Geofizika, Abs. 9G8

REF SOURCE: Sb. Tekton. Turkmenii i sopredil'n. territoriy. M., Nauka, 1966, 164-169

TOPIC TAGS: geology, geologic survey, faults, faulting, seismic exploration, gravimetric survey/Turkmenia, Karakum

ABSTRACT: Submeridional, northwestern, and sublatitudinal faults have been identified on the basis of data obtained in gravimetric, seismic exploration, drilling and geological surveys. Together with faults extending linearly along the periphery of the Central Kara-Kum arch, a regional circumferential fault was also identified. By period of active manifestation the faults may be divided into two types: faults which had developed actively during the Hercynian geosynclinal

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and alpine platform stages, and faults which had developed only during the Alpine platform stage. According to the degree of the effect of the faults on the formation of the tectonic structure of this region, the faults are divided into the seamed and "paragradal". The first, which mainly extend sublatitudinally affected the development only of the platform mantle and to a small extent that of the basement. The second, basically submeridional in direction, are characterized by considerable vertical displacements in basement blocks. A. Nurbayev. [Translation of abstract]

[SP]

SUB CODE: 08/

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AYZBERG, R.Ye.; KOKORINA, L.K.; KOTS, V.G.

Buried extension of the meganticline in the southwestern Gissar Range. Sov. geol. 7 no.11:114-117 N '64. (MIRA 18:2)

1. Yugo-vostochnaya Karakumskaya geologicheskaya ekspeditsiya.

KOTS, V.G.; TEPLITSKIY, V.A.

New data on the tectonics of eastern Turkmenia. Biul. MOIP. Otd. geol. 40 no.4:26-31 Jl-Ag '65. (MIRA 18:9)

KOTS, V.G.; TEPLITSKIY, V.A.

Tectonic regionalization of eastern Turkmenia, based on geophysical data. Geol. nefti i gaza 7 no.5:30-35 My '63.
(MIRA 16:6)

1. Amu-Dar'inskaya geofizicheskaya ekspeditsiya.
(Turkmenistan—Geology, Structural)

KOTS, V.G.

Deep-seated structure of the eastern Unguz Kara Kum in the light of the most recent geological and geophysical data. Geol. nefti i gaza 6 no.11:12-17 N '62. (MIRA 15:2)

1. Amu-Dar'inskaya geofizicheskaya ekspeditsiya No.4.

BEL'SKIY, Vladimir Leonidovich; VLASOV, Ivan Petrovich; ZAYTSEV, Valentin Nikolayevich; KAN, Saveliy Nakhimovich, dokt.tekhn.nauk, prof.; KARNOZHITSKIY, Vladimir Pavlovich; KOTS, Veniamin Markovich; LIPOVSKIY, David Yevseyevich; BONIN, A.R., doktor tekhn. nauk, retsenzent; SOKOLOV, A.I., inzh., red.; KUZ'MIN, G.M., tekhn. red.

[Design of aircraft] Konstruktsiia letatel'nykh apparatov. [By] V.L.Bel'skiy i dr. Moskva, Oborongiz, 1963. 708 p. (MIRA 16:8)

(Aircraft)

AM4007943 BOOK EXPLOITATION S/

Bel'skiy, Vladimir Leonidovich; Vlasov, Ivan Petrovich; Zaytsev, Valentin Nikolayevich; Kan, Saveliy Nakhimovich (Doctor of Technical Sciences, Professor); Karnozhitskiy, Vladimir Pavlovich; Kots, Veniamin Markovich; Lipovskiy, David Yevseyevich

Aircraft design (Konstruktsiya letatel'nykh apparatov) Moscow, Oborongiz, 1963. 708 p. illus., biblio. Errata slip inserted. 6200 copies printed.

TOPIC TAGS: aircraft construction, aircraft strength, aircraft design, aircraft rigidity, aircraft hydraulics, aircraft pneumatics, aircraft servo , aircraft service life, aeroelasticity, aerodynamic heating

PURPOSE AND COVERAGE: The book is intended for aeronautical engineers concerned with aircaft design and manufacture. It may also be useful to students of technical schools of higher education. The principles of aircraft construction and strength are discussed. The principles of arrangement are examined, and design methods for strength and rigidity are given. External design loads are analyzed, and other

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problems in the construction of airplanes, rockets, and helicopters are examined. The pneumatic and hydraulic aircraft systems as well as hydraulic servos are described. Considerable attention is paid to the problems of aeroelasticity, service life, and aerodynamic heating. The factual and numerical data and the schematic diagrams of aircraft are taken from non-Soviet sources. The authors thank K. A. Lyapshinsky for writing article 3 of Ch. 2 and N. M. Mitrofanov who participated in selection of material for some chapters. Special appreciation is expressed to A. N. Okulov for illustrating the book and to Doctors of Technical Sciences A. R. Bonin and Professor L. P. Ninokurov, and Candidates of Technical Sciences N. G. Savusya, L. A. Kolesnikov, A. A. Yarkho and V. P. Rusanov for their valuable suggestions during the review and revision of the manuscript.

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KALINICHEVA, I.G., prof., KOTS., Ya.I., prof.,red.

[Surgical complication of amebiasis] Khirurgicheskie oslozhneniia amebioza. Stalinabad, 1957. 221 p. (Stalinabad, Gosudarstvennyi meditsinskii institut. Trudy, vol.20) (MIRA 11:8)
(AMEBIASIS)

KOTS Ya.I.

KOTS, Ya.I.

Antbiotics combined with vaccine for treating brucellosis. Sov.med. 21 Supplement:18 '57. (MIRA 11:2)

1. Iz Tashlinskoy sel'skoy rayonnoy bol'nitsy Chkalovskoy oblasti.
(BRUCELLOSIS) (ANTIBIOTICS) (VACCINES)

KOTS, Ya.I.

Case of generalized osteoporosis in thyrotoxic (Basedow's) goiter. Probl.endok.i gorm. 5 no.5:109-110 S-O '59. (MIRA 13:5)

1. Iz kafedry obshchey khirurgii (zav. - prof. A.S. Al'tshul') Orenburgskogo gosudarstvennogo meditsinskogo instituta (dir. - prof. I.V. Sidorenkov).

(HYPERTHYROIDISM compl.)
(OSTEOPOROSIS compl.)

KOTS, Ya.I.

Urinary excretion of 17-ketosteroids in cardiac insufficiency. Terap.arkh. 32 no.10:61-64 '60. (MIRA 14:1)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - prof. R.G. Mezhebovskiy) Orenburgskogo meditsinskogo instituta (konsul'tant - chlen-korrespondent AMN SSSR V.G. Baranov).
(HEART FAILURE) (STEROIDS)

KOTS, Ya.I.

Method in Torn's test and the direct counting of eosinophiles.
Lab. delo 7 no.2:22-24 F '61. (MIRA 14:1)

1. Kafedra gospital'noy terapii (zav. - prof. R.G.Mezhebovskiy) Orenburgskogo meditsinskogo instituta.
(EOSINOPHILES) (MEDICAL TESTS)

KOTS, Ya.I.

Case of hormone therapy of adrenal gland coma. Kaz.med.zhur. no.3:52-53 My-Je '62. (MIRA 15:9)

1. Gospital'naya terapevticheskaya klinika (zav. - prof. R.G. Mezhebovskiy) Orenburgskogo meditsinskogo instituta.
(ADRENAL GLANDS--DISEASES) (COMA) (HORMONE THERAPY)

KOTS, Ya.I.

Vladimir Ivanovich Dal'; on the 160th anniversary of his birth.
Vest.khir. no.6:128-131 '62. (MIRA 15:11)

1. Iz kafedry operativnoy khirurgii (zav. - prof. S.S. Mikhaylov) i gospital'noy terapevticheskoy kliniki (zav. - prof. R.G. Mezhebovskiy) Orenburgskogo meditsinskogo instituta.
(DAL', VLADIMIR IVANOVICH, 1801-1872)

KOTS, YA. L., PROF

PA 14/49T86

USSR/Medicine - Otorhinolaryngology, Jul/Aug 48
History
Medicine - History

"History of the Development of Otorhinolaryngology in Tadzhik SSR," Prof Ya. L. Kots, Hon Worker of Sci, Tadzhik SSR, 3½ pp

"Vest Oto-Rino-Laringol" No 4

Describes development of otorhinolaryngology in Tadzhik SSR from 1929.

14/49T86

KOTS, YA. L.

37670 klinika porazheniy slukhovogo organa pri malyarii vestnik otorinolaringologii 1949 No. 6, s. 15-25.--bibliogr: s. 25

SO. Letopis' Zhurnal'nykh Statey, Vol. 47, 1949

KOTS, Ya.L.

Occurrence of leeches in the upper respiratory tract and esophagus and methods of extraction. Vest. otorinolar. 13 no.3:19-24 May-June 1951. (CLML 20:11)

1. Professor and Honored Worker in Science Tadzhik SSR. 2. Of the Clinic for Diseases of the Ear, Throat, and Nose, Stalinabad Medical Institute.

KOTS, Ya.L., prof., zasluzhennyy deyatel' nauki Tadzhikskoy SSR; POPEREKA, Ya.P., dots. (Stalinabad)

History of otorhinolaryngology in Tajikistan. Vest.otorin. 20 no.2:107-108 Mr-Ap '58. (MIRA 12:11)
(OTOLARYNGOLOGY, hist.
in Russia (Rus))

KOTS, Ya.L., prof., zasluzhennyy deyatel' nauki

Present status of the problem of the prophylaxis and treatment of acute and chronic tonsillitis. Zdrav.Tadzh. 6 no.3:7-13 My-Je '59. (MIRA 12:11)

1. Zaveduyushchiy kafedroy bolezney ukha, gorla i nosa Stalinabadskogo medinstituta im. Abuali ibni Sino.
(TONSILS--DISEASES)

KOTS, Ya.L., prof., zasluzhennyy deyatel' nauki; KAL'SHTEYN, L.I., kand. med.nauk; MEDNIK, G.L., dotsent

Use of mezaton in otorhinolaryngological practice. Zhur. ush., nos. i gorl. bol. 20 no.4:59-60 Jl-Ag '60. (MIRA 14:6)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - zasluzhennyy deyatel' nauki prof. Ya.L.Kots) i kafedry farmakologii (zav. - dotsent G.L.Mednik) Stalinbadskogo meditsinskogo instituta imeni Avitsenny.

(ETHANOL) (OTOLARYNGOLOGY)

KOTS, Ya.L., zasluzhennyy deyatel' nauki prof. (Kislovodsk)

"Diseases of the ear, throat, and nose" by A.G.Likhachev [prof.]. Reviewed by IA.L.Kots. Fel'd. i akush. 26 no.7:61-63 Jl '61. (MIRA 14:7)

(OTOLARYNGOLOGY) (LIKHACHEV, A.G.)

GUREVICH, V.S.; KANDEL', E.I.; KOTS, Ye.N.; SMIK, M.L. (Moskva)

Use of tomography for prognosis of the effectiveness of surgical treatment of pyelonephritis. Vop. nefrol. i gidr. 27 no.4: 1-6 Jl-Ag'63 (MIRA 17:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo znameni institut neyrokhirurgii imeni N.N.Burdenko AMN SSSR i Institut biofiziki AN SSSR.

KOTS, Ya. M. 58/49T21

USSR/Chemistry - Carbon Dioxide Jun 49
Chemistry - Gases

"Instrument for Rapid Detection of CO_2 in Air," M. G. Gurevich, Ya. M. Kots, Inst of Geol Sci, Acad Sci USSR, 2 pp

"Zavod Lab" Vol XV, No 6

Describes the apparatus, based on the principle of absorption of CO_2 by asbestos treated with soda. Claims it is capable of detecting CO_2 concentrations as low as $2 \cdot 10^{-3}$% and can be used in all cases where CO_2 is not in the presence of other gases which can be absorbed by asbestos treated with soda.

58/49T21

AUTHORS: Zarinskiy, V. A., Kots, Ya. M.

TITLE: Electrochemical Characteristics of Ion-Exchange Diaphragms (Elektrokhimicheskaya kharakteristika ionoobmennykh membran)

54-58-2-11/16

PERIODICAL: Khimicheskaya Promyshlennost', 1958, Nr 2, pp. 51-52 (USSR)

ABSTRACT: NIIPMKhP produced the diaphragm models for the described investigations according to stable technology. Already I. I. Zhukov and others (Ref. 1) used electrochemically active diaphragms for electric dialysis and they also investigated them in detail. In connection with the theory of electric dialysis, in which the changes of electrolytes in the dialyzer chamber are determined by the number of passing cations n_c and anions n_a, the present work used the analytical method for the determinations of n_{c^+} and n_{Cl^-} in a KCl-solution. In order to be able to measure the passage number a glass apparatus was used which has a silver grid anode and a silver grid cathode coated electrolytically with silver chloride. The diaphragm is mounted between two U-shaped glass tubes, one of them being connected with

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the cathode space and the other with the anode space. The investigated system was:

$$Ag \,/\, 0.01n\ KCl \,/\, \text{diaphragm} \,/\, 0.01\ n\ KCl \,/\, Ag \quad (-)\ \text{and}\ (+)$$

In the investigations a current of 4 milliamperes was applied for 3o minutes and after this an hydrogen coulomb meter according to Barret (Ref. 12) was connected. After electrolysis the KCl-solution of each segment of the apparatus was titrated with 0.01 n $AgNO_3$-solution. The passage numbers were calculated according to a given formula. The specific electric conductivity of the ion exchange diaphragms was determined in a glass apparatus consisting of two chambers in between which the diaphragm is mounted as separating wall, being platinum electrode, on both sides (in each chamber). First the apparatus is filled with a 0.1 N KCl-solution and the resistance is measured; then the diaphragm is put in and with the same solution the summary resistance is measured. For measuring the resistance an apparatus was used which was designed by the GYeOKhI

of the AS USSR together with the Electric Bulb Factory of the Order of Lenin in Moscow. The specific electric conductivity of the diaphragm was calculated from the measurements according to a formula, and the results for the various cationite and anionite types of diaphragms are mentioned in a table. From this table can be seen that the diaphragms elaborated by the NIIPM have a low-Ohmic resistance. They are recommended for use in high-voltage electric dialyses (2000 V) as they possess also a great resistance to temperature.
There are 2 figures, 2 tables and 14 references, 7 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii imeni V. I. Vernadskogo AN SSSR i Nauchno-issledovatel'skiy institut plastmass MKhP SSSR (Institute for Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AS USSR and the Scientific Research Institute for Plastics MKhP SSSR)

AVAILABLE: Library of Congress
Card 3/3

1. Diaphragms (Mechanics)--Electrical properties 2. Diaphragms (Mechanics)--Chemical properties 3. Electrolytes--Performance 4. Ion exchange

KOTS, Ya. M.

ZARINSKIY, V.A.; KOTS, Ya.M.

Electrochemical characteristics of ion exchange membranes. Khim. prom. no.2:115-116 Mr '58. (MIRA 11:5)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo AN SSSR i Nauchno-issledovatel'skiy institut plastmass Ministerstva khimicheskoy promyshlennosti SSSR.
(Electrodialysis) (Ion exchange)

FARFEL', V.S., prof.; KOTS, Ya.M.

Apparatus for determining the tone balance of antagonistic muscles of the trunk. Ortop.travm.i protez. 20 no.11:72-74 N '59. (MIRA 13:4)

1. Iz Nauchno-issledovatel'skogo instituta fizicheskogo vospitaniya i shkol'noy gigiyeny Akademii pedagogicheskikh nauk RSFSR (direktor - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR A.A. Markosyan).

(MUSCLES physiol.)

KOTS, Ya. M.

Cand Med Sci - (diss) "Balance of tonus at rest of the muscle-antagonists of the torso (in children and in adults)." Moscow, 1961. 17 pp; (Academy of Medical Sciences USSR, Inst of Normal and Pathological Physiology); 250 copies; price not given; (KL, 5-61 sup, 203)

KOTS, Ya.M.; ZARINSKIY, V.A.

Potentials of some cation-exchange membranes. Zhur.fiz.khim. 35 no.6:1219-1220 Je '61. (MIRA 14:7)

1. Akademiya nauk SSSR, Institut geokhimii i analiticheskoy khimii.
(Ion exchange) (Membranes (Chemistry))

KOTS, Ya.M.; ZARINSKIY, V.A.

Diffusion through ion-exchange membranes and their electrochemical characteristics. Zhur. fiz. khim. 35 no.5:1103-1104 My '61. (MIRA 16:7)

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN SSSR.
(Diffusion)
(Ion exchange resins—Electric properties)

GEL'FAND, I.M.; GURFINKEL', V.S.; KOTS, Ya.M.; TSETLIN, M.L.; SHIK, M.L.

Synchronization of motor units and its model representation.
Biofizika 8 no.4:475-487 '63.

(MIRA 17:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

GEL'FAND, I.M.; GURFINKEL', V.S.; KOTS, Ya.M.; KRINSKIY, V.I.; PSETLIN, M.L.; SHIK, M.L.

Study of postural activity. Biofizika 9 no.6:710-717 '64. (MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

GURFINKEL', Viktor Semenovich; KOTS, Yakov Mikhaylovich; SHIK, Mark L'vovich; KOLPAKOVA, Ye.A., red.; TSUZMER, T.S., red.

[Regulation of human posture] Regulіatsiia pozy cheloveka. Moskva, Nauka, 1965. 255 p. (MIRA 18:6)

L 52518-65

ACCESSION NR: AP5018800 UR/0217/65/010/004/0665/0672
577.13

AUTHOR: Arshavskiy, Yu. I.; Kots, Ya. M.; Orlovskiy, G. N.; Radionov, I. N.; Shik, M. L.

TITLE: Investigation of the biomechanics of running in dogs

SOURCE: Biofizika, v. 10, no. 4, 1965, 665-672

TOPIC TAGS: motion mechanics, animal physiology

ABSTRACT: The authors investigated the kinematics (trajectory of hinge joints, phases of support and transfer of extremity) of dogs running on a threadmill at speeds ranging from 1 1/2 to 11 km/hour. The cycle of each joint was found to have an area (transfer phase) whose trajectory is virtually constant regardless of the speed at which the animal runs. Shifting by the animal in relation to the support during the running is likewise little affected by the speed. The coordination of movements in all the main joints of an extremity is more or less constant at all rates, however; the coordination between the symmetrical extremities and the anterior-posterior relations do vary with the speed of running. These are standard

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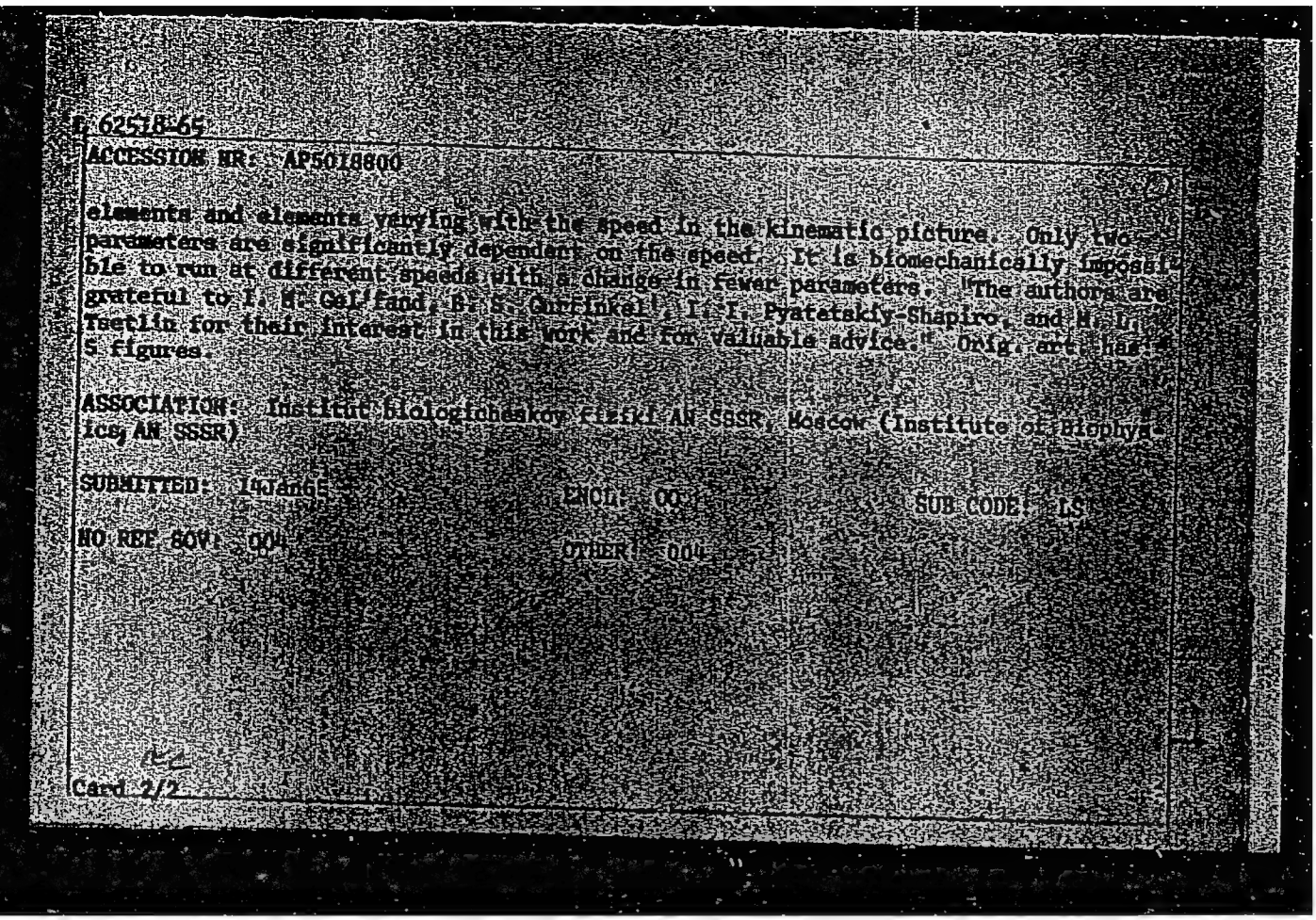

L 62518-65
ACCESSION NR: AP5018800

elements and elements varying with the speed in the kinematic picture. Only two parameters are significantly dependent on the speed. It is biomechanically impossible to run at different speeds with a change in fewer parameters. The authors are grateful to I. M. Gel'fand, B. S. Gurfinkel', I. I. Pyatetskiy-Shapiro, and M. L. Tsetlin for their interest in this work and for valuable advice." Orig. art. has: 5 figures.

ASSOCIATION: Institut biologicheskoy fiziki AN SSSR, Moscow (Institute of Biophysics, AN SSSR)

SUBMITTED: 14Jan65 ENCL: 00 SUB CODE: LS

NO REF SOV: 004 OTHER: 004

Card 2/2

GURFINKEL', V.S.; KANDEL', E.I.; KOTS, Ya.M.; SHIK, M.L.

Mechanism of the origination of tremor in parkinsonism. Zhur. nevr. i psikh. 65 no.5:645-651 '65. (MIRA 18:5)

1. Institut biologicheskoy fiziki AN SSSR i Ordena Trudovogo Krasnogo Znameni Institut neyrokhirurgii im. Burdenko AMN SSSR, Moskva.

GURFINKEL', V.S.; KOTS, Ya.M.; KRINSKIY, V.I.; SHIK, M.L.

Method of evaluating the state of the inhibition apparatus in human spinal cord. Biul.eksp.biol. i med. 59 no.5:15-18 '65.
(MIRA 18:11)

1. Teoreticheskiy otdel (zav. - chlen-korrespondent AN SSSR I.M.Gel'fand) Instituta biologicheskoy fiziki (direktor - chlen-korrespondent AN SSSR G.M.Frank) AN SSSR, Moskva.
Submitted December 12, 1963.

KOTS, Z. P.

USSR / General Biology. Genetics. B

Abs Jour : Ref Zhur - Biol., No. 19, 1958, No 85639

Author : Kots, Z. P.; Nassol', K. N.
Inst : Odessa Univ.
Title : Inbred Corn in Treatment of Stigma by Solution of Salts.

Orig Pub : Nauchn. ozhegodnik. Odessk. un-t, 1956, Odessa, 1957, 285-287

Abstract : No abstract given.

Card 1/1

30

Kafedra botaniki Odesskogo gosudarstvennogo universiteta imeni I.I. Mechnikova

Studying the biology of flowering and fertilization in ambary hemp. Pratsi Od. un. Ser.biol.nauk no.8(vol.147):95-99 '57. (MIRA 12:4)

(Ambary hemp) (Fertilization of plants)

Country : USSR M
Category : CULTIVATED PLANTS. COMMERCIAL. Oleiferous. Sugar-Bearing
Abs. Jour. : REF ZHUR-BIOL.,21,1958,NO-96054

Author : Kots, Z.P.
Institut. : Od-ssk Univ,
Title : A Study of the Biology of Florescence and Fertilization in Gambo Hemp

Orig. Pub. : Tr. Odessk. un-ta. Ser. biol. n., 1957, 147, No.8, 95-99

Abstract : The experimentation and observations are described which conducted during 1954-1955 on the gambo hemp plantings at the experimental plots of the Department of Genetics and Darwinism of Odessa University imeni I.I. Mechnikov. In the K-21, K-64 5136 and O-173 gambo hemp varieties a study was made of the viability of the stigma at different ages of the flower, as well as of the rate of growth of the pollen tubes in the seed bud and fecundation of the egg cell. The pollination of the young flowers occurred two and three days before florescence, i.e.

Card: 1/2

Country :
Category : CULTIVATED PLANTS. COMMERCIAL
Abs. Jour. : REF ZHUR-BIOL.,21,1958,NO-96054

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : on the eve of the opening of the flowers by 7, 10, 13, 16 and 18 hours. It was shown that in the southern Ukraine gambo hemp fertilization is possible even before the opening of the blossoms and before the exposure of the anthers. As the stigma matures the number of setting seeds in the pod and their ripening increases.

Card: 2/2

BLANKOVSKAYA, T.P. [Blankovs'ka, T.P.], student biolog. fakul'teta;
KOTS, Z.P., nauchnyy rukovoditel', starshiy prepodavatel'

Effect on yield of supplementary pollination of corn with pollen from another variety. Pratsi Od.un. Zbir.stud.rob. 149 no.5:193-196 '59. (MIRA 13:4)

1. Odesskiy gosudarstvennyy universitet.
(Corn(Maize))

MATVEYEV, M.I.; OVCHINNIKOV, P.N., redaktor; BREGETOVA, L.G., redaktor; KOTSABENKO, Ye.G., redaktor; FROLOV, P., tekhnicheskiy redaktor.

[Water cycle of some arborescent plants in the mountainous part of Tajikistan] Vodnyi rezhim nekotorykh drevesnykh rasteniy gornogo Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoy SSR, 1953. 81 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, no. 10) (Tajikistan--Plants--Transpiration) (Fruit trees) (Nut trees) (MLRA 9:10)

KOTSAGA, I.N. (Kuybyshev); AFONICHKIN, N.I., dorozhnyy dispetcher (Kuybyshev); KOROVIN, N.I., dorozhnyy dispetcher (Kuybyshev)

Efficient routing of car flows. Zhel. dor. transp. 47 no.3: 14-16 Mr '65. (MIRA 18:5)

1. Nachal'nik sluzhby dvizheniya Kuybyshevskoy dorogi (for Kotsaga).

SAVCHENKOV, A.F., dots.,kand.ekon.nauk; KOTSAN, B., inzh.-ekonomist

Present-day trends in the development of the chemical industry and chemical science in Czechoslovakia. Trudy LIEI no.20:92-105 '57. (MIRA 11:9)

(Czechoslovakia--Chemical industries)
(Czechoslovakia--Chemistry)

KHRISTIN, L. I., prof.; KOTSAN, M. K., klinicheskiy ordinator

Study on the etiology and pathogenesis of lupus erythematosus. Vest. derm. i ven. 34 no.1:13-17 Ja '60. (MIRA 14:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney Stanislavskogo meditsinskogo instituta.

(LUPUS)

S/137/62/000/004/101/201
A052/A101

AUTHOR: Kotsan'da, S.

TITLE: On the microstructure of fatigue fracture of carbon structural steel samples

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 32, abstract 4I185 ("Ustalostn. prochnost' mater. i elem." Mater. konf. v Varshave 12-14 maya 1960 g. Varshava, 1961, 57-61)

TEXT: The microstructure of fractures of annealed carbon steel samples with 0.38% C was studied after their failure at a circular bending under a stress exceeding σ_{-1} by 1 - 2 kg/mm^2. The investigation was carried out by means of the electronic microscope using 2-step Cr-shaded colloid-carbon imprints and one-step carbon replicas. The kinds of fractures to be found are described: fractures of a "river-pattern" type, "tongues", fractures with microsteps and steps, fractures with traces of plastic deformation, fractures with the blocking of cracks and a transition of fractures over the grain and block boundaries. The part played by dislocations in the formation and development of different types of fractures is pointed out. There are 21 references.
[Abstracter's note: Complete translation] A. Nikonov

Card 1/1

1. KOTSANDI, I. A., ENG.

2. USSR (600)

4. Lumbering

7. Rational system for lumbering. Mekh. trud. rab. 6 no. 9, '52.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KOTSANDI, L.A., inzhener; LEVI, S.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor; BEGAK, B.A., redaktor izdatel'stva; BOROVNEV, N.K., tekhnicheskiy redaktor

[Making welded reinforcements with suspended welding apparatus] Izgotovlenie svarnoi armatury podvesnymi mashinami. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 37 p. (MLRA 10:2)
(Welding) (Reinforced concrete)

KOTSANDI, I., inzhener.

Movable machines in welding reinforced construction elements.
Stroitel' 2 no.8:20 Ag '56. (MLRA 9:12)
(Electric welding)

KOTSANDI, I.A., inzhener; MAMONTOV, I.I., inzhener; SRYBNIK, D.A., inzhener.

New machine for welding reinforcing fabrics. Nov.tekh.i pered.op.v stroi. vol.19:18-21 Ag '57. (MIRA 10:10)
(Electric welding) (Reinforced concrete)

KAZARINOV, V.M., kand. tekhn. nauk; IZHEVSKIY, K.K., inzh.; FOKHT, L.G., inzh.; KOTSANDI, I.A., inzh.; ANUCHKINA, N.F., inzh.; POLYAKOV, V.I., kand. tekhn. nauk; GLAZUNOV, V.N., kand. tekhn. nauk; PAVLOVA, Ye.N., inzh.; POLOSIN, M.D., inzh.; KROMOSHCH, I.L., inzh., nauchn. red.; SHERSTNEVA, N.V., tekhn. red.

[Manual on the mechanization of small-scale operations carried out on building sites remote from major construction points] Spravochnoe posobie po mekhanizatsii melkikh rassredotochennykh stroitel'nykh rabot. Moskva, Stroiizdat, 1964. 415 p. (MIRA 17:3)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.

KOTSANOV, N.S.

SUBJECT	USSR / PHYSICS	CARD 1 / 2	PA - 1362
AUTHOR	KOCANOV, N.S.		
TITLE	A Resonance Phenomenon in Two Coupled Sections of a Line with Small Losses.		
PERIODICAL	Radiotechnika, 11, fasc. 7, 60-62 (1956) Issued: 8 / 1956 reviewed: 10 / 1956		

Also one, two, or three resonance sections of a line can be connected fourpole-like, on which occasion the transmission band of such a system can be made very small, which is of great practical importance.

Here a system consisting of two coupled fourpole-like sections of a line is investigated. A line of the length 2 l with low losses is investigated in the middle of which a resistance is connected between the two conductors. Thus, this line may be considered as a coupled system with the coupling resistance r. To the input terminals of this line a sinusoidal voltage of a generator with the electromotoric force E and with the interior resistance R is connected, and the output terminals of the line should be left open. The ratio between the voltage at the open output terminals and the emf of the generator for the frequency bordering upon the first resonance frequency f_o of the section with the length $l = \lambda_o/4$ is to be determined. Here it is true that $\lambda_o = 3.10^8/f_o$.

The transfer equations for such a case are given; from them the ratio between the voltage $\dot{U}_2$ and the emf of the generator can be determined. It is transformed in consideration of the small losses of the line and is specialized for the fre-

KOTSAR', G.F.

Using clay minerals to characterize the clays of cover rocks in the northwestern Nikopol' manganese deposit. Sbor.trud.Inst.gor. dela AN URSR no.8:32-48 '61. (MIRA 15:2)
(Nikopol' Region(Dnepropetrovsk Province)--Clay--Analysis)

81534

18.5100 SOV/137-59-5-11224

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 247 (USSR)

AUTHORS: Tarnovskiy, I.Ya., Smirnov, V.K., Kotsar', S.L., Bedin, N.A., Belyakov, V.I.

TITLE: Rolling of Track Links for Tractors

PERIODICAL: Tekhn. ekon. byul. Sovnarkhoz Chelyab. ekon. adm. r-na, 1958, Nr 7, pp 43 - 45

ABSTRACT: Information is given on technical possibilities and economical effectiveness of changing the manufacture of track links for S-80 tractors from stamping to longitudinal periodic rolling. Experimental rolling of links on a scale of 1 : 2, 1 : 3, 1 : 4, was carried out on a ChTZ test mill with rollers of 470 mm in diameter and on a UPI laboratory mill with rollers of 200 mm in diameter. Technical Specifications were developed for the design of a rolling mill and the principal scheme of the technological process was set-up for the production of links on a continuous automatic line. The rolling mill has rollers of 1,100 mm in diameter, revolving at a speed of 10 or 15 revolutions per minute,

Card 1/2

Rolling of Track Links for Tractors

SOV/137-59-5-11224

driven from a motor of 500 kw power. Blanks of shaped rolled metal having a simple cross-sectional shape, are heated to 1,220° - 1,240°C in an induction furnace. One blank is heated within 24 sec. The mill is equipped with a special device to supply the blank to the rollers at a given moment. Alternating rolling of left-hand and right-hand links on the same rollers is possible. After rolling the strips are transported to two lines of automated presses where cutting, piercing, trimming and straightening of the links is performed. Then the links are fed to the semi-automatic line for mechanical and thermal treatment. The described continuous line will raise the efficiency by a factor of 8 - 10 as compared to stamping on air-steam hammers. The annual economy of metal will amount to ~ 5000 tons; it will amount to more than 8 million rubles with respect to the saving in metal, power consumption and wages.

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